



Glass pH Electrode with Built-in Automatic Temperature Compensation (ATC)



Compatible with Mettler FP20 pH Meter

Product Description

The KLABS KLMET20BIO is a premium laboratory-grade combination glass pH electrode designed for accurate and reliable pH measurement. Featuring an integrated Automatic Temperature Compensation (ATC) sensor, high-quality glass membrane, and stable reference system, it delivers rapid response, excellent stability, and long service life. It is fully compatible with Mettler FP20 and other compatible pH meters using a BNC connection with an integrated temperature sensor.

Features

- Combination Glass pH Electrode with Built-in ATC
- Compatible with Mettler FP20 pH Meter
- Good Response with Excellent Measurement Stability
- High-Quality Laboratory Glass Membrane
- Durable Glass Body with Ceramic Junction
- Low-Noise Shielded Coaxial Cable
- Suitable for Laboratory, Research, Pharmaceutical, Environmental, Food, and Water Testing

Application/Uses

- Water & Wastewater Testing
- Pharmaceutical Laboratories
- Chemical & Research Laboratories
- Food & Beverage Industry
- Environmental Analysis
- Educational Institutions
- Quality Control Laboratories



Technical Specifications

Technical	Specification
Brand	KLABS
Model	KLMET20BIO
Type	Combination Glass pH Electrode
Compatibility	Compatible with Mettler FP20 pH Meter
Measuring Range	pH 0.00 to 14.00
Operating Temperature	0°C to 70°C
Temperature Compensation	Built-in Automatic Temperature Compensation (ATC)
Electrode Slope	95–105% (Approx. 59 ±3 mV/pH at 25°C)
Response Time	≤10 Seconds
Stability	<3 mV Drift / 24 Hours
Reference System	Ag/AgCl
Reference Junction	Single Ceramic Junction
Reference Electrolyte	KCl
Glass Membrane	Laboratory Grade Green Glass
Membrane Shape	Spherical
Electrode Diameter	12 mm
Shaft Length	120 mm
Shaft Material	Glass
Connector	BNC with Integrated Temperature Sensor
Storage Solution	Saturated KCl Solution